

OCT 21 1997

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

USWEST

Elridge A. Stafford  
Executive Director-  
Federal Regulatory

EX PARTE

October 21, 1997

Mr. William F. Caton  
Acting Secretary  
Federal Communications Commission  
1919 M Street, NW, Room 222, SC-1170  
Washington, DC 20554

RE: Telephone Number Portability, CC Docket No. 95-116

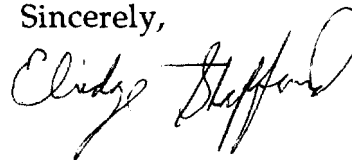
Dear Mr. Caton:

Today, Rob Van Fossen, Tim Mason and the undersigned, representing U S WEST Communications, met with Carol Matthey, Jonathan Askin and Kyle Dixon of the Policy and Program Planning Division of the Common Carrier Bureau in conjunction with the above-referenced docket. We discussed the status of U S WEST Communications' local number portability implementation. The attached document was used in the discussion. Please include a copy of this letter and the attachment in the record in this proceeding.

In accordance with 47 C.F.R. § 1.1206(a)(2) of the Commission's rules, the original and one copy of this letter and the attachment are being filed with your office. Acknowledgment and date of receipt are requested. A duplicate of this letter is attached for this purpose.

Please call if you have any questions.

Sincerely,



Attachment

cc: Ms. Carol Matthey  
Mr. Jonathan Askin  
Mr. Kyle Dixon

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**USWEST**

COMMUNICATIONS

Local Number Portability

# U S WEST Communications Local Number Portability Implementation Update

October 21, 1997

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FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

## **Presentation Overview**

- **Network Implementation Status - Tim Mason**
- **Systems Implementation Status - Rob Van Fossen**
- **Question & Answer**

## **U S WEST Communications is a leader in the deployment of Local Number Portability**

- **Chairs the Western Region Inter-Company Test Team**
- **Project Executive Western Region Limited Liability Corporation**
- **Chairs the Western Region Operations & Requirements Team**
- **Participates on the Illinois Commerce Commission Operations Team**
- **Chairs the Minneapolis Steering & Implementation Team**
- **Chairs the Arizona Implementation Team**
- **Chairs the New Mexico Implementation Team**
- **Joint U S WEST Communications/Bell Atlantic Local Number Portability (LNP) Interoperability Testing**

## **Significant Completed Milestones**

- **Development of an Integrated Intra-Company test plan**
- **Installation of SPACE (Service Platform And Creation Environment)**
- **Development of Inter-Company test scripts**
- **Installation of Integrated Signalling Control Point (ISCP) hardware in Minneapolis**
- **Installation of Message Relay Service(MRS) hardware in Denver & Phoenix**
- **93 of 95 switches in Minneapolis upgraded to enable LNP**
- **Joint U S WEST Communications/Bell Atlantic Application Overload Interoperability Testing**

## **U S WEST Communications continually reviews & revises LNP project timeline -**

### **Supplier Delays**

- **Acceptance of Perot Regional Service Management System (RSMS) scheduled for 9/15/97, revised to 12/15/97**
- **Delivery of Bellcore ISCP v5.1 software scheduled 9/2/97, revised to 10/13/97 with an installation complete of 10/25/97.**
- **Nortel Foreign Location Routing Number (LRN) feature incompatibility solution TBD.**
- **Lucent CLASS feature interactions resolution TBD.**

## **U S WEST Communications continually reviews & revises LNP project timeline -**

### **Impacts of Supplier delays**

- **Start of ISCP & MRS programming delayed from 9/15/97 to 11/5/97**
- **Acceptance of ISCP & MRS delayed until 11/17/97**
- **Inter-Company / Co-Provider testing slipped from 12/01/97 to 1/5/98**
  - **Testing cannot begin until Perot Number Portability Administration Center (NPAC)/RSMS is certified.**
- **Accelerated commercial porting schedule increases demand on Customer Service Centers**
- **Overlap of testing into Seattle and Phoenix deployments**
  - **Strain on Technical resources**
  - **Additional complexity to project**

## **U S WEST Communications continually reviews & revises LNP project timeline -**

### **U S WEST Communications' response to Supplier delays**

- Perform Intra-Company, Inter-Company, and System testing in Parallel with subsequent Metropolitan Serving Area (MSA's), i.e. Minneapolis, Seattle & Phoenix
- Compress commercial porting from 20% every 2 weeks to 20% every week.
- Reduce Intra-Company testing from 6 weeks to 4 weeks.
- Maintain Co-Provider testing duration of 7 weeks.



## **Renegotiated Supplier Deliverables**

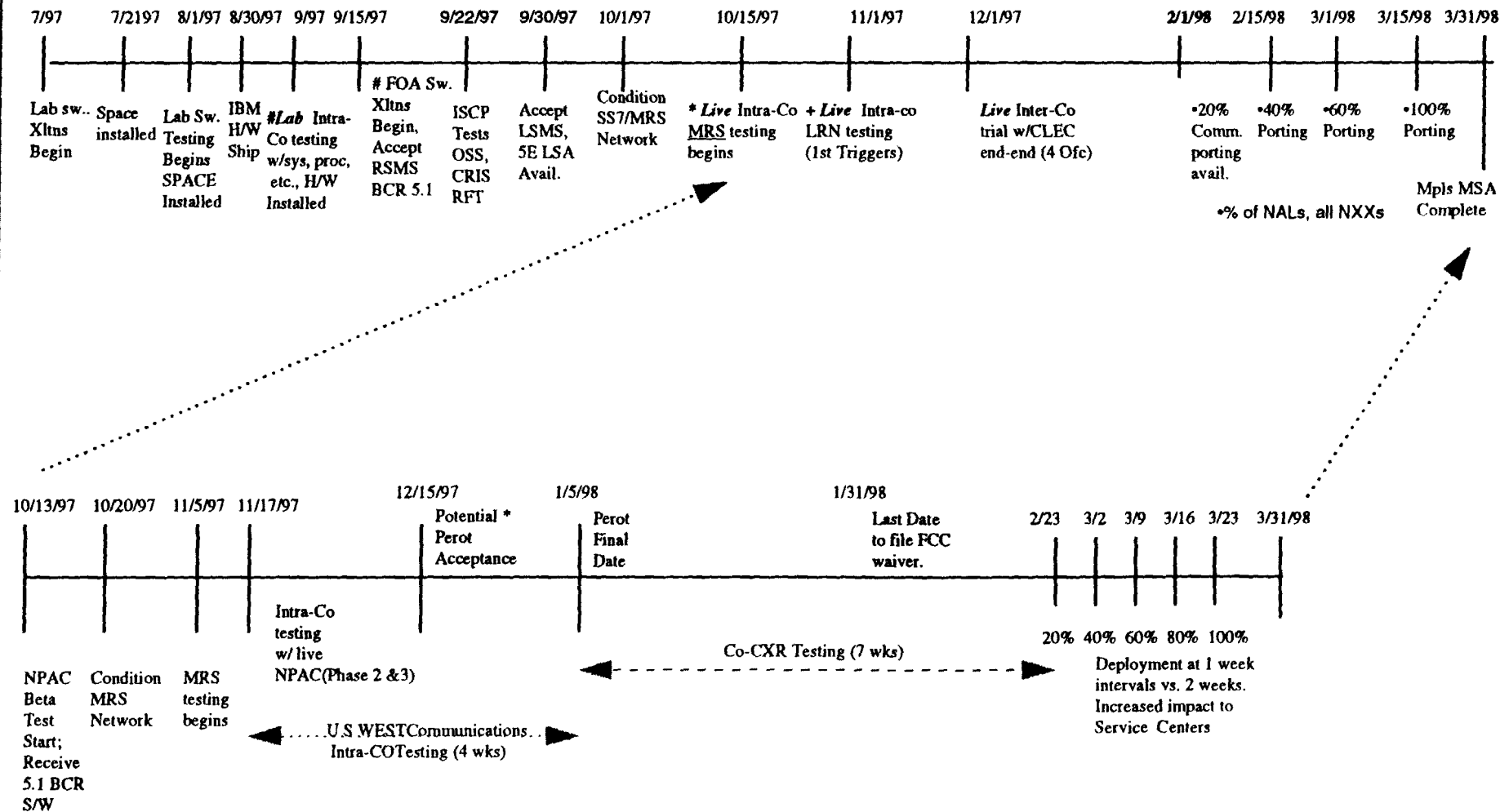
- **Perot**

- Phase 1 - Beta / Single Provider Testing, start 10/13/97, complete 11/9/97
- Phase 2 - Multi-Provider Testing, start 11/10/97, complete 11/30/97
- Phase 3 - Disaster Recovery & Performance Testing, start 12/01/97 , complete 12/15/97
- Acceptance 12/15/97

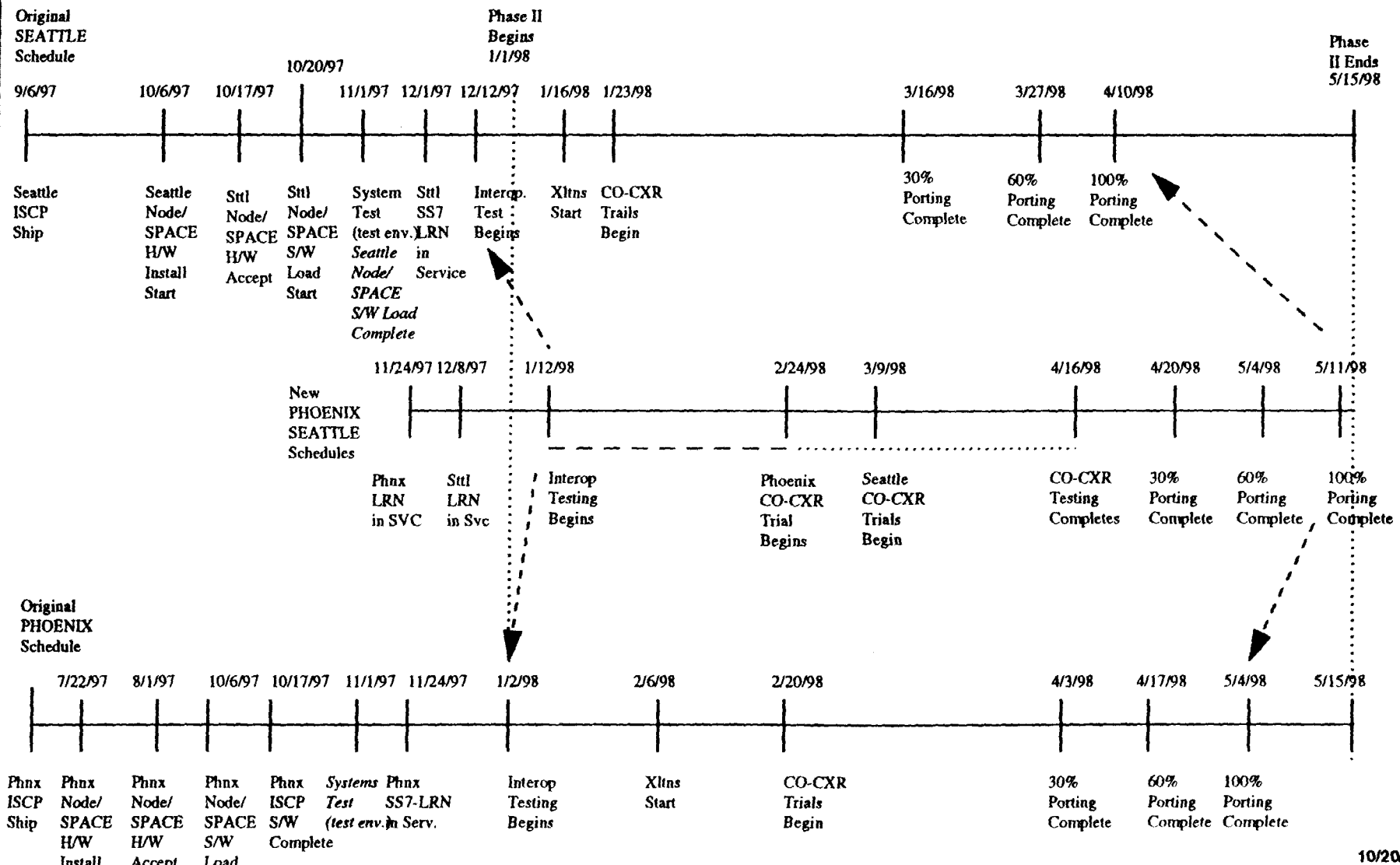
## **Renegotiated Supplier Deliverables**

- **Bellcore ISCP v5.1 software**
  - **Installation of pre-release Tape 4 in Denver & Phoenix MRS scheduled 10/13/97, met**
  - **Installation of pre-release Tape 4 in Minneapolis scheduled 10/20/97**
  - **Full regression testing and delivery of Generally Available release scheduled for approximately 10/25/97**
  - **Stability and functionality within U S WEST's network won't be fully understood until November 17, 1997.**
  - **Additional patch to software due mid-December to resolve issues identified during deployment.**

## Proposed Minneapolis Deployment timeline adjusted for delays



## Seattle/Phoenix Proposed Deployment Timelines

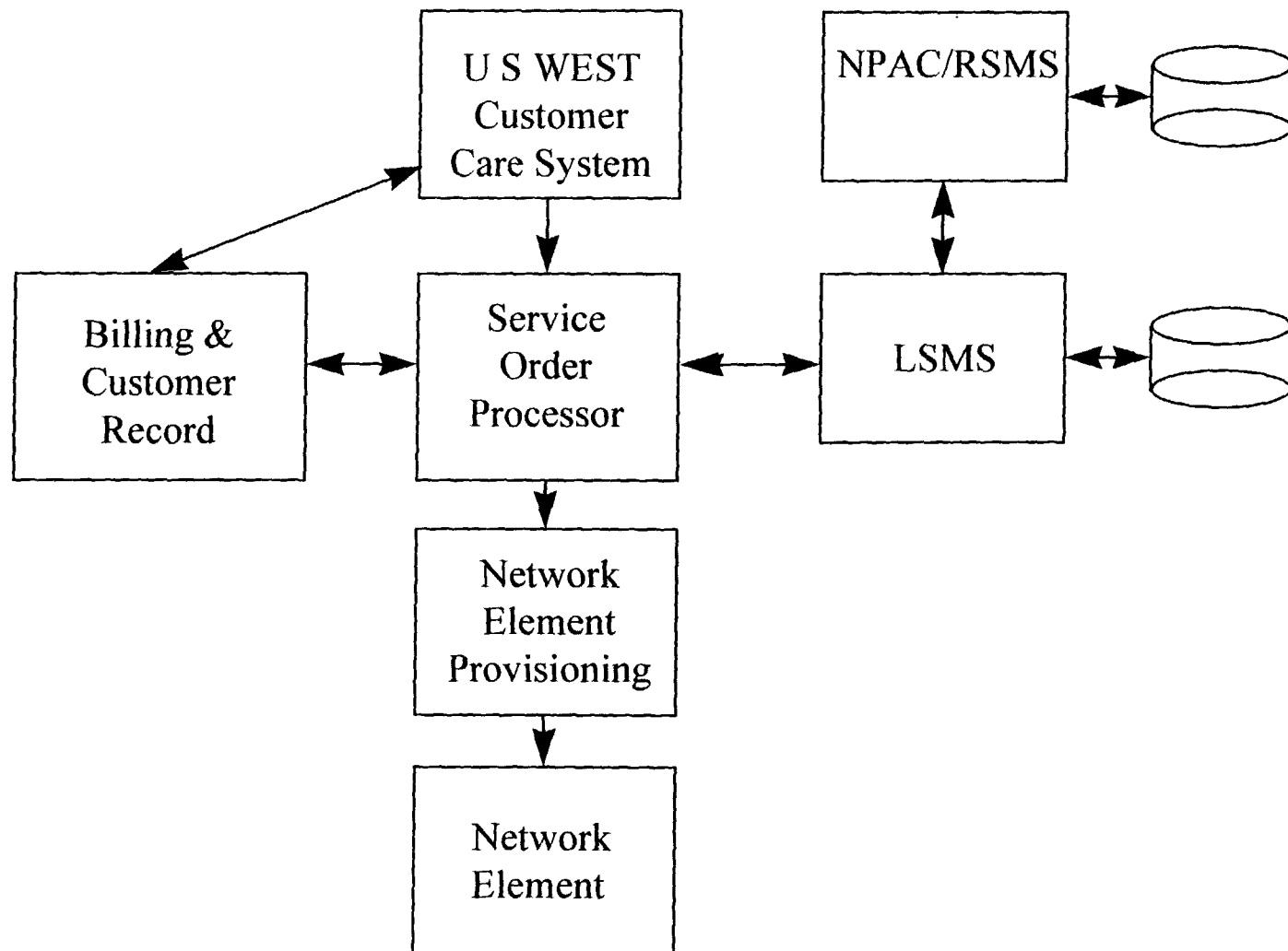


# Switch Job Status Summary

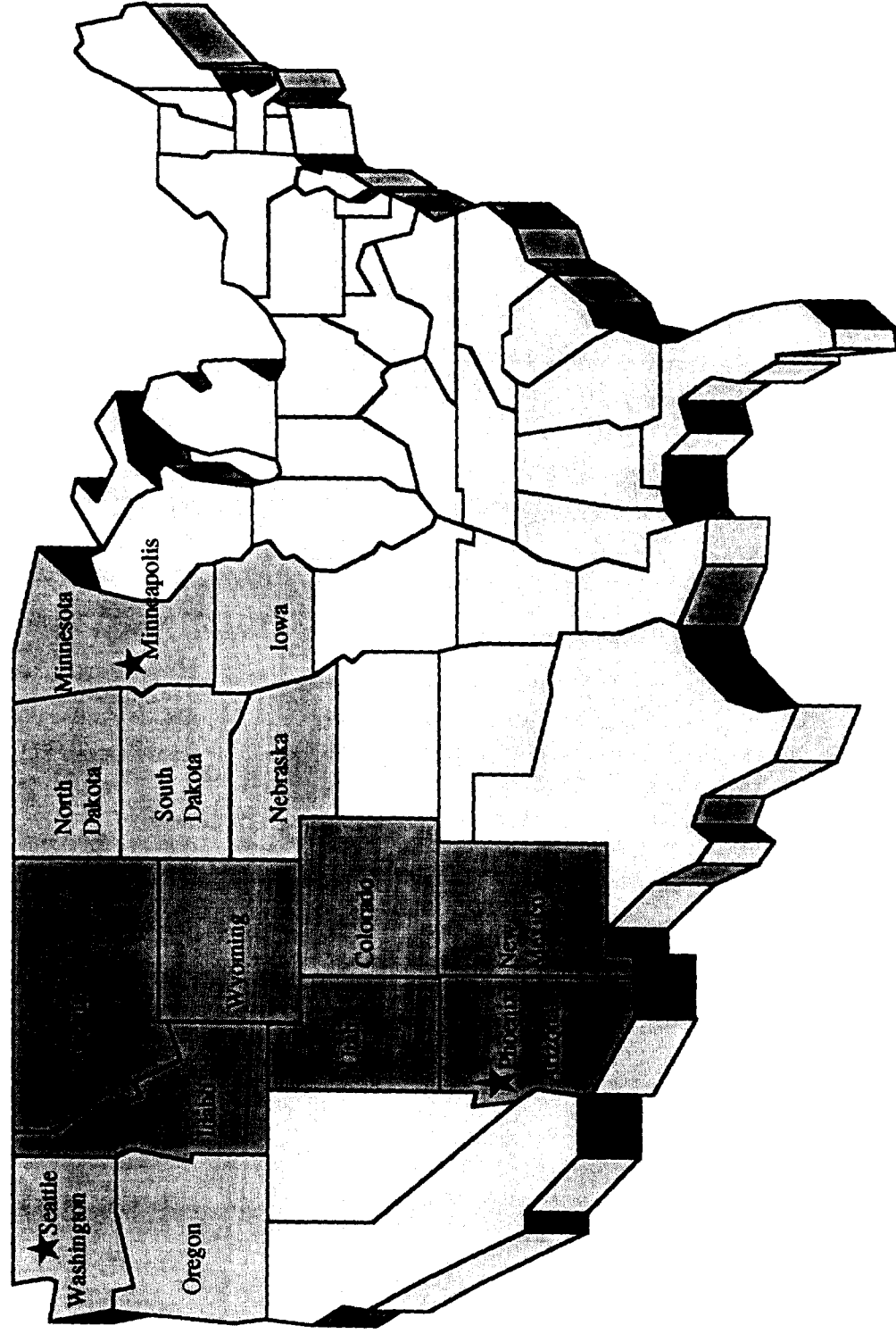
MSA	Ready To Port	Network Ready	Switch Type (Host Only)						Switch Total	Host Jobs	P.O. to Vendor		Mat'l Shipped		Vendor Compl.		Translations Compl.		SAW Systems							
			5ESS	1AESS	4ESS	DMS100	DMS200	D1/200			DMS-10	Num.	Pct.	Num.	Pct.	Num.	Pct.	Num.	Pct.	Total	Dvp'd	Pct.	U.Test	Pct.	Compl	Pct.
Phase 1	3/30/98	1/5/98																		58	51	88	37	64		0
MPLS			63	16		16				95	49	95	100	93	98	93	98		0							
PHASE 2	5/15/98	2/28/98																								
PHIX			37	12		23	1	1	4	78	49	46	59	40	51	13	17		0	25	0	0	0	0		0
STTL			31	9	1	7	2	1		51	33	25	49	4	8	4	8		0	24	0	0	0	0		0
Phase 2 Subtotal			68	21	1	30	3	2	4	129	82	71	55	44	34	17	13	0	0							
Phase 3	6/30/98	4/15/98																								
PTLD			13	5		10	3		5	36	21	0	0	0	0	0	0		0							
DNVR			49			2	1	2	4	58	36	8	14	2	3	2	3		0							
Phase 3 Subtotal			62	5	0	12	4	2	9	94	57	8	9	2	2	2	2	0	0							
Phase 4	9/30/98	6/30/98																								
SLKC			14	7		11		3	1	36	25	2	6	1	3	1	3		0							
TCSN			8	5		15	1		1	30	15	2	7	0	0	0	0		0							
Phase 4 Subtotal			22	12	0	26	1	3	2	66	40	4	6	1	2	1	2	0	0							
Phase 5	12/31/98	9/30/98																								
OMH			19	2		4				25	17	0	0	0	0	0	0		0							
ALBO			10	2		6	1	1		20	12	0	0	0	0	0	0		0							
TACM			11	3					2	16	14	1	6	1	6	1	6		0							
Phase 5 Subtotal			40	7	0	10	1	1	2	61	43	1	2	1	2	1	2	0	0							
Grand Total			255	61	1	94	9	8	17	445	271	179	40	141	32	114	26	0	0	58	51	88	37	64	0	0

# Systems Status

## Order Processing With LNP



# US WEST Communications Systems Structure





## LNP TESTING

<u>TEST</u>	<u>CASES</u>	<u>START</u>	<u>FINISH</u>
<b><u>NPAC Acceptance testing</u></b>			
Phase I - Single Service Provider (U S WEST & MCI)	243	10/13/97	11/9/97
Phase II - Multi Service Provider	110	11/10/97	11/30/97
Phase III - Disaster Recovery and Performance	75	12/1/97	12/15/97
<hr/>			
<b><u>LSMS Acceptance testing</u></b>	38	7/15/97	12/15/97
<hr/>			
Minneapolis systems integration testing	51	7/31/97	11/11/97
Minneapolis interoperability test (systems, process, network)	66	11/17/97	1/4/98
Minneapolis CLEC trial	TBD*	1/5/98	2/23/98
<hr/>			
Seattle systems integration testing	18	12/1/97	1/9/98
Seattle interoperability test (systems, process, network)	66	1/12/98	2/27/98
Seattle CLEC trial	TBD*	2/27/98	4/16/98
<hr/>			
Phoenix systems integration testing	18	12/1/97	1/9/98
Phoenix interoperability test (systems, process, network)	66	1/12/98	2/27/98
Phoenix CLEC trial	TBD*	2/27/98	4/16/98

\*In the process of negotiating test cases with CLECs

10/20/97

## **Test Planning Assumptions**

- **80% pass rate for NPAC/RSMS in Perot system testing before release**
- **6 x 16 testing window available throughout test cycle  
(Perot contract obligation)**
- **Testing effectiveness sustained at 1 hour/test case**
- **Software updates to fix major problems are limited to current weekly maintenance cycle**

## **Significance of Thorough Testing**

- **Sufficient testing is necessary to ensure:**
  - **Timely service order processing**
  - **Accurate customer bill (no overlap)**
  - **Accurate and timely directory listings**
  - **Accurate and timely E911 database updates**
  - **Accurate call processing**
  - **Positive customer experience with LNP**

## **U S WEST Communications Systems Status**

- Perot systems slip has created a significant strain on the testing effort required.
- U S WEST Communications revised plans will meet the FCC's ordered MSA completion dates.
- Further delays will jeopardize the schedule.